INDUSTRIAL QUALITY CONTROL

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AN INTRODUCTION TO PROBABILITY THEORY AND ITS APPLICATIONS
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STATISTICAL MANUAL
Edwin Crow, Frandes A. Davis, and Margaret W. Maxfield. Navord Report 3369, 1955.
Reviewed by W. D. Baten, Sept. 1958, page 39.

TABLES OF THE ERROR FUNCTIONS AND ITS FIRST TWENTY DERIVATIVES
Staff of the Computation Laboratory of Harvard University. Published by Harvard University Press, 1952.
Reviewed by W. D. Baten, Sept. 1958, page 39.

QUEUES, INVENTORIES AND MAINTENANCE: THE ANALYSIS OF OPERATIONAL SYSTEMS WITH VARIABLE DEMAND AND SUPPLY
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Reviewed by Dr. H. A. Freeman, Nov. 1958, page 38.

FINITE QUEUING TABLES
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FUNDAMENTAL STATISTICS FOR BUSINESS AND ECONOMICS
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HANDBOOK OF PROBABILITY AND STATISTICS WITH TABLES
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SUNDSTRAND-TURBO, DIV. OF SUNDSTRAND MACHINE TOOL CO.: May 1959, page 75.

SUTHERLAND-JACOBSON & ASSOCIATES: July 1958, page 40; Aug. 1958, page 40; Sept. 1958, page 40; Oct. 1958, page 39; Nov. 1958, page 40; Dec. 1958, page 40; Jan. 1959, page 40; Feb. 1959, page 40; Mar. 1959, page 40; Apr. 1959, page 44; May 1959, page 88; June 1959, page 40.

TEXAS ELECTRONIC PRODUCTS CORP.: Dec. 1958, IFC; Jan. 1959, IFC; Feb. 1959, IFC; Mar. 1959, IFC; Apr. 1959, IFC; May 1959, page 68, 69; June 1959, IFC.

UNIT PROCESS ASSEMBLIES, INC.: Aug. 1958, page 31; Oct. 1958, page 26; Dec. 1958, page 24; Mar. 1959, page 32; May 1959, page 46.

UNITED AIR LINES: Feb. 1959, page 25; May 1959, page 48.

U. S. PIPE & FOUNDRY CO.: May 1959, page 50.

VEEDER-ROOT, INC.: July 1958, page 31; Aug. 1958, page 36; Sept. 1958, page 35; Oct. 1958, page 33; Nov. 1958, page 25; Dec. 1958, page 33; Jan. 1959, page 27; Feb. 1959, page 26; Mar. 1959, page 1, 17; Apr. 1959, page 30, 35; May 1959, page 34; June 1959, page 20, 23.

RALPH E. WAREHAM: July 1958, page 40; Aug. 1958, page 40; Sept. 1958, page 40; Oct. 1958, page 39; Nov. 1958, page 40; Dec. 1958, page 40; Jan. 1959, page 40; Feb. 1959, page 40; Mar. 1959, page 40; Apr. 1959, page 44; May 1959, page 88; June 1959, page 40.

WARNER GEAR, DIV. OF BORG-WARNER CORP.: May 1959, page 9.

WESTERN ELECTRIC CO.: May 1959, page 85.

JOHN WILEY & SONS, INC.: Nov. 1958, page 38; Jan. 1959, page 23; May 1959, page 73.

CARL ZEISS, INC.: Sept. 1958, OBC; Oct. 1958, page 1; Nov. 1958, OBC; Dec. 1958, page 25; Jan. 1959, page 1; Feb. 1959, page 5; Mar. 1959, OBC; Apr. 1959, OBC; May 1959, OBC; June 1959, OBC.